

**6' MOUNTING BRACKET GREEN**  
**FOR TEAR DROP LUMINAIRE**

I. Quantity

The base bid shall include the indicated number of 6' mounting brackets, furnished and installed as hereinafter specified.

II. Material

- a. 6 Ft. Aluminum Mounting Bracket - The aluminum bracket shall be fabricated from 2 1/2" Sch. 80 pipe Alloy 6063-T6. It shall have a rise of 30" and be capable of supporting luminaires weighing up to 60 pounds with an effected projected area of 2 square feet. The bracket shall have a 2" NPS x 6" slipfitter. A 1" wire hole with grommet shall be provided on the bottom of the bracket near the mounting plate. A 2" x 3/4" x 1/4" aluminum channel scroll shall be attached to the bottom of the bracket by a 1/2" s.s. bolt. The bracket and scroll shall have a dark green powder coat finish #73737-040 to match the luminaire. The bracket shall be HAPCO Catalog No. A76306 or approved equal.
- b. Wire - The wire shall be #10 AWG 7 strand copper, 600 V type THW or THWN single conductor.
- c. Compression connectors - The compression connectors shall be Burndy #YPC2A8U or approved equal.
- d. Miscellaneous Hardware - All hardware shall be as shown on DOE Module DWG MLBASG.

III. Installation

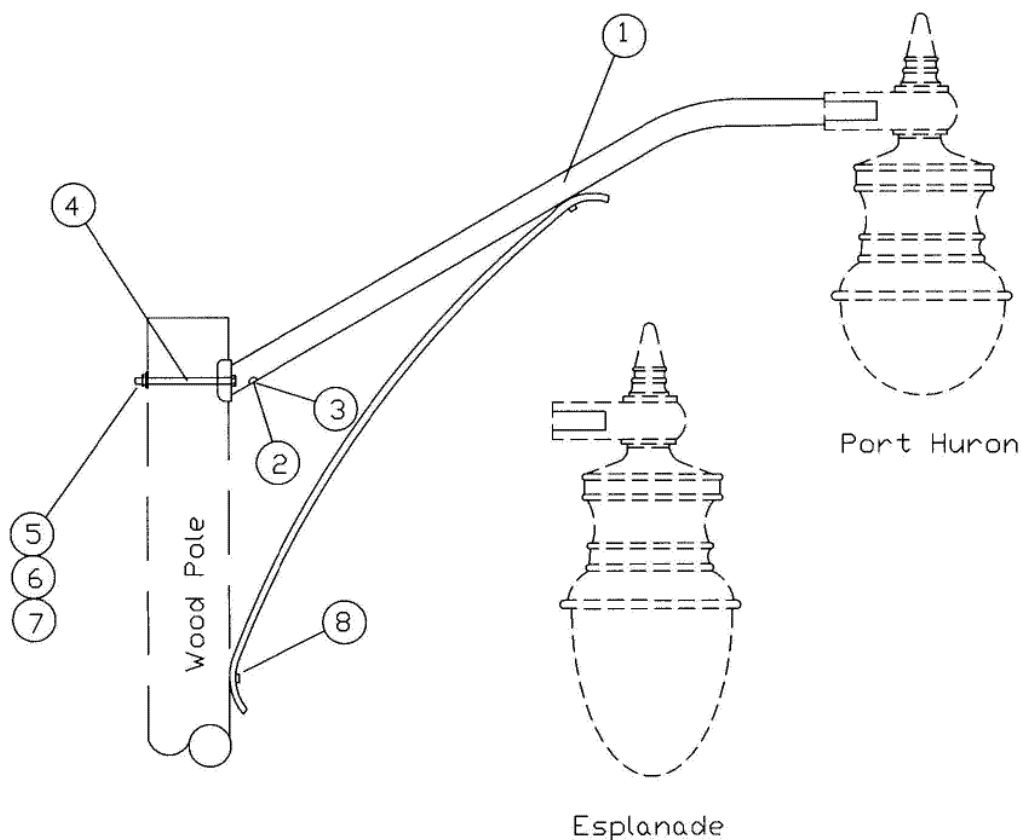
- a. The installation shall be as shown on drawing 01S0053, located as shown on the drawings or indicated in the field by the engineer.
- b. Mounting height - The height to light center shall be 28' unless otherwise specified on the drawing or indicated in the field by the engineer.
- c. Any relocation of existing facilities required for proper clearance shall be obtained by the contractor and included in the unit price bid for this item.
- d. This item shall include the furnishing and installing of the bracket arm, the wiring internal to the arm and the connection of the wiring to the circuit and luminaire. The luminaire and circuit shall be provided and quoted on as separate items and are not included in this specification.

IV. Quotation

The 6' mounting bracket as hereinbefore specified shall be quoted on as a unit price each in the appropriate place in this document.

MLBAGS

7/27/00  
Replaced MLBASG



10			
9	CONNECTOR, COMPRESSION (NOT SHOWN-SIZE AS REQUIRED)	95-17210	2
8	SCREW, LAG 1/2" X 4"	02-50340	1
7	NUT, SQUARE 5/8"-11 UNC (INCLUDED WITH MACHINE BOLT)	XX-XXXXX	1
6	WASHER, LOCK 11/16" DIA. HOLE, DOUBLE COIL	02-76524	1
5	WASHER, SQ. CURVED 2 1/4" X 2 1/4" X 3/16", 11/16" DIA. HOLE	02-76730	1
4	BOLT, MACHINE 5/8" X LENGTH AS REQUIRED.	95-01414	1
3	CONDUCTOR, #10 CU. WHITE	14-10118	10FT.
2	CONDUCTOR, #10 CU. BLACK	14-10112	10FT.
1	BRACKET, ALUMINUM, 2 1/2" PIPE 6' LENGTH GREEN	60-17161	1

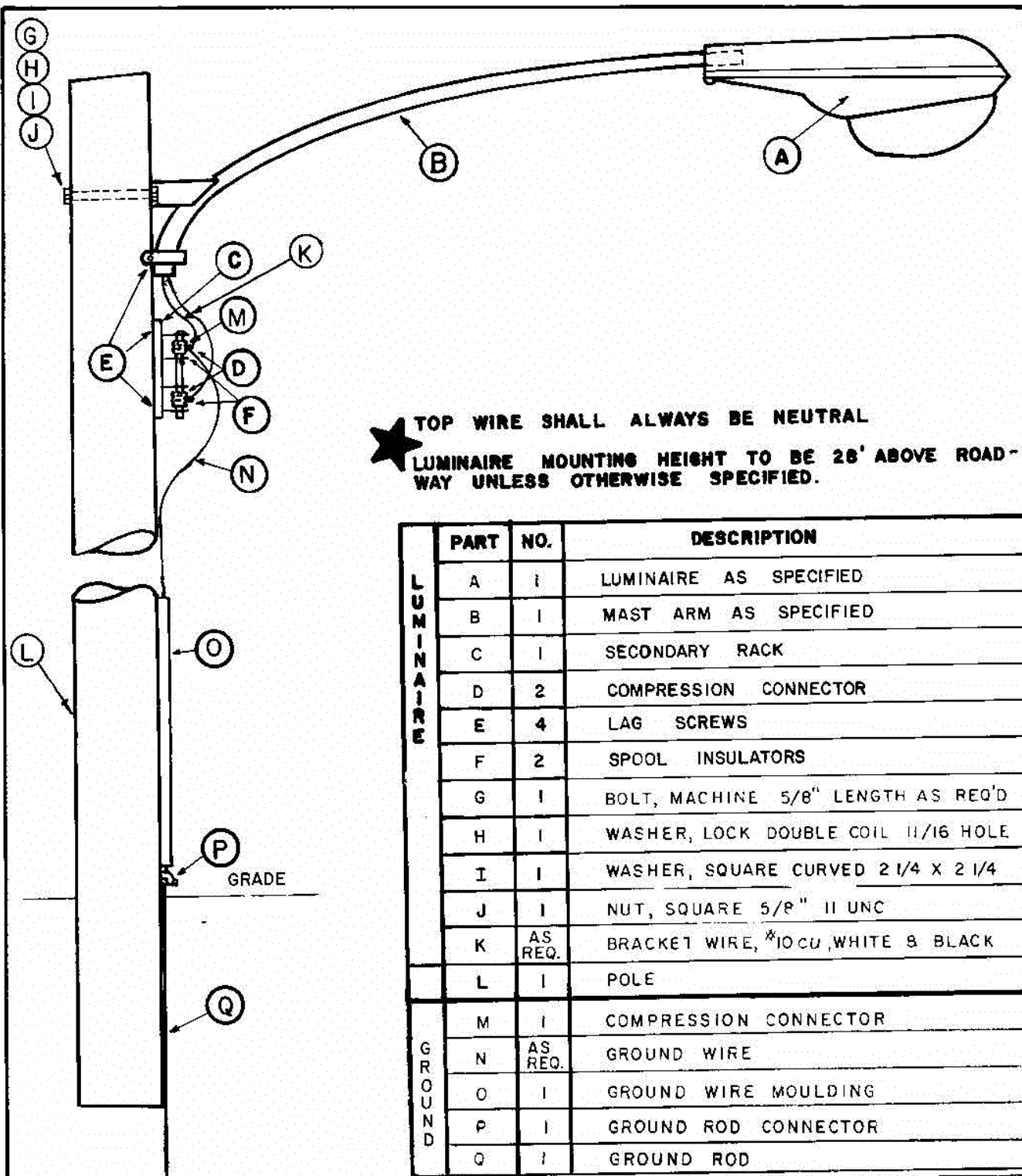
ITEM	DESCRIPTION	PART#	#REQ
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*Module Light, Bracket, Aluminum,  
(Green Scroll , for Wood Pole)*

**MEL\* P**

MUNICIPAL ELECTRIC LIGHT & POWER SYSTEM  
CITY OF COLUMBUS, OHIO  
DEPT. OF PUBLIC UTILITIES DIV. OF ELECTRICITY

MLBAGS



REVISIONS  
3-5-80 D.L.G. REDRAWN TO  
TO SHOW TOP WIRE AS  
NEUTRAL.

MEL & P

MUNICIPAL ELECTRIC LIGHT & POWER SYSTEM  
CITY OF COLUMBUS, OHIO  
DEPT. OF PUBLIC SERVICE DIV. OF ELECTRICITY

# HPS LUMINAIRE / MAST ARM CIRCUIT GROUND INSTALLATION DETAIL FOR OPEN ALUMINUM CIRCUIT

SCALE  
NONE  
PROJECT NO.

DRAWN  
D.L.G. 3/80  
APPROVED  
DHB 3/80

DRAWING NO.  
01 S 0053  
SHEET 1 OF 1